

# PUBLIC NOTICE

**PERMIT APPLICATION:** NRS #06.050

**APPLICANT:** State of Tennessee  
Department of Transportation  
Environmental Planning and Permits Division  
Suite 900, J. K. Polk Bldg.  
505 Deaderick Street  
Nashville, TN 37243-0334  
615-253-2441

**LOCATION:** SR-21 Bridge and Spillway, Running Reelfoot Bayou  
Lake/Obion County

**WATERSHED DESCRIPTION:** The Running Reelfoot Bayou watershed consists of the spillway overflow from Reelfoot Lake and numerous modified tributaries flowing through agricultural land. Land use is predominantly agricultural. Running Reelfoot Bayou is primarily silt/sand bottomed and varies in width approximately 60 feet wide with 10 - 14 foot banks. The existing vegetation along the stream channel is mixed hardwoods bordering agricultural fields. Although the bayou drains a Tier 3 water body it has been determined that the Tier 3 designation refers only to Reelfoot Lake and not the overflow features south of SR-21.

**PROJECT DESCRIPTION:** The applicant proposes to widen the existing SR-21, construct a new bridge and spillway, and create a new spillway channel. The existing spillway structure is no longer adequate to manage the water level of Reelfoot Lake. The project, as proposed, would permanently impact 15.14 acres and temporary impacts to 7.66 acres of wetlands. Wetlands impacts would be mitigated within the watershed through restoration of prior converted farmland northwest of the impact site to wetlands at a 1:1 or higher ratio, as determined necessary by the Mitigation Banking review Team. Additionally, there would be impacts to 6,896 feet of streams due to the construction of the new spillway channel. The existing Running Reelfoot Bayou would remain in its current condition except for 215 feet of geotextile and riprap to be placed at the proposed tie in of the new spillway channel. The applicant proposes to mitigate 5,651.75 feet of this loss at a 1:1 ratio by construction of the new spillway channel. The remaining 1,244.25 ft. would be mitigated by restoration of 4,045 ft. of stream 6 (unnamed tributary). Specific impacts would be as follows (see map):

Station 50+25+/- to Sta. 74+55+/- (Lt.): Spillway and Bridge construction. Proposed 277 ft. of 3-span concrete girder bridge.

Station 70+10+/- (Lt) to Sta 74+50+/- (Lt): Relocation of existing spillway channel. Existing open channel is 400 ft. in length, proposed channel is 775 ft. a portion of the original channel would be filled to prevent spill water from entering old spillway structure. New channel would be isolated from the lake and dredged.

Station 211+10+/- (Lt.) to Sta. 243+35+/- (Rt.): Unnamed tributary to Running Reelfoot Bayou (S-5). This stream would be transected and isolated by construction of the new spillway channel for approximately 3,721 ft.

Station 201+45+/- to Sta. 259+14+/-: Running Reelfoot Bayou: Existing 4,128 ft. of channel would be left in place with installation of 215 ft. of geotextile and riprap at confluence with new constructed spillway channel.

Station 203+40+/- (Lt) to Sta. 217+80+/- (Rt.): Unnamed tributary to Running Reelfoot Bayou (S-4). This stream would be transected and isolated by construction of the new spillway channel for approximately 1,615 ft.

Station 400+00 to Sta. 440+44.86: Unnamed tributary to Running Reelfoot Bayou (S-6). Existing 3,545 ft. of channel would be restored to a more natural sinuous stream for a length of 4,045 ft.

Station 243+35+/-: Unnamed tributary to Running Reelfoot Bayou (S-7). This stream would be transected and isolated by construction of the new spillway channel for approximately 1,560 ft.

Standard erosion control devices would be used to prevent sediment from entering flowing water. Upon completion of the work, all disturbed areas would be stabilized.

**PERMIT COORDINATOR:** Brian Canada, STATE OF TENNESSEE, Department of Environment and Conservation Division of Water Pollution Control, 7<sup>th</sup> Floor, L&C Annex, 401 Church Street, Nashville, Tennessee 37243-1534

**USGS TOPOGRAPHIC QUADRANGLE:**        **Ridgley, TN (419-SW)**

**TO WHOM IT MAY CONCERN:** The application described above has been submitted for an Aquatic Resource Alteration Permit pursuant to *The Tennessee Water Quality Control Act of 1977*, T.C.A. §69-3-108.

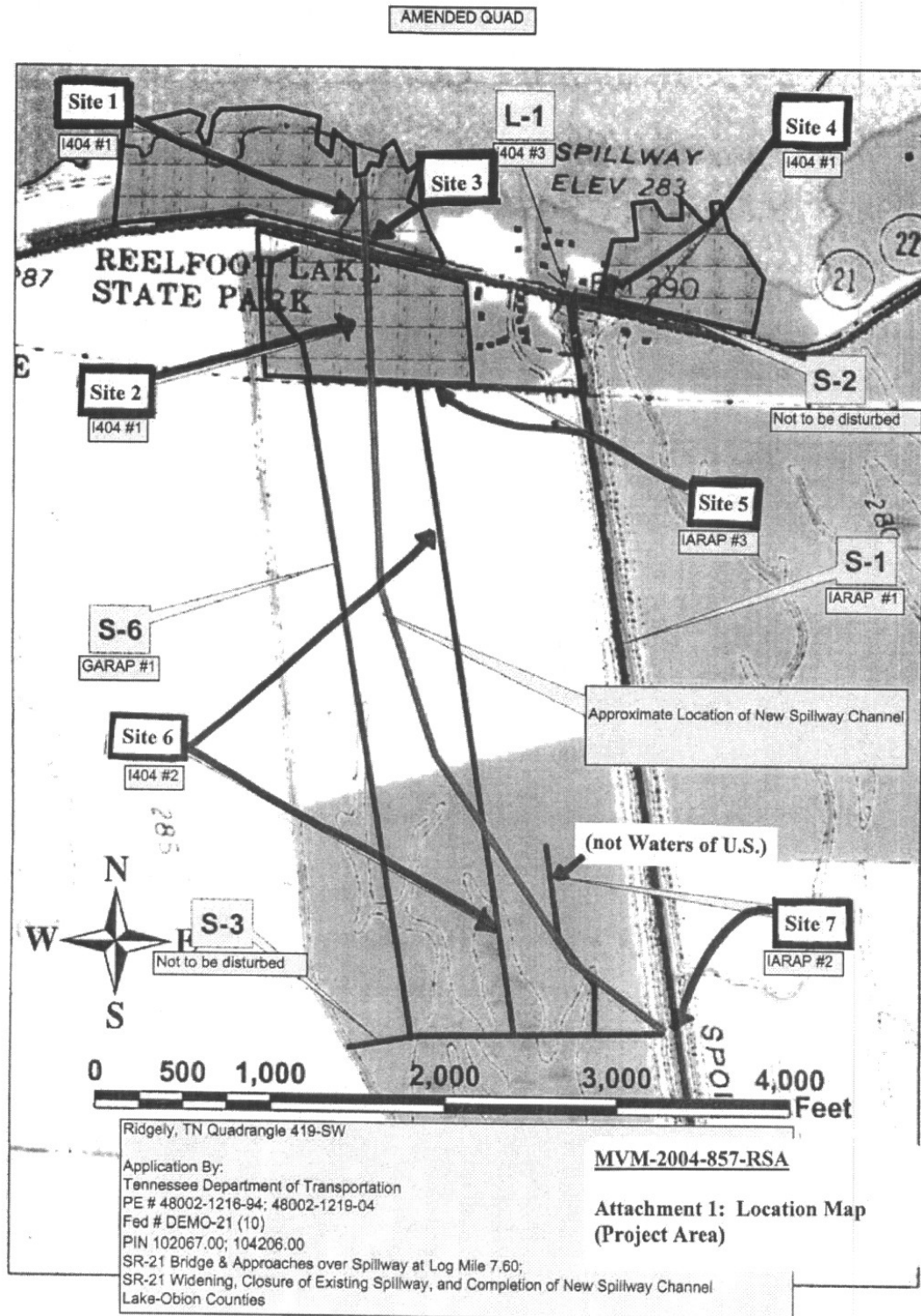
The purpose of this notice is to advise all concerned of the proposal for which a permit is sought, and to solicit comments and information necessary to evaluate the probable impact of the activities upon the respective water resources. The decision whether to issue or deny will in part be based upon that evaluation. All factors that may be relevant to the proposals will be considered.

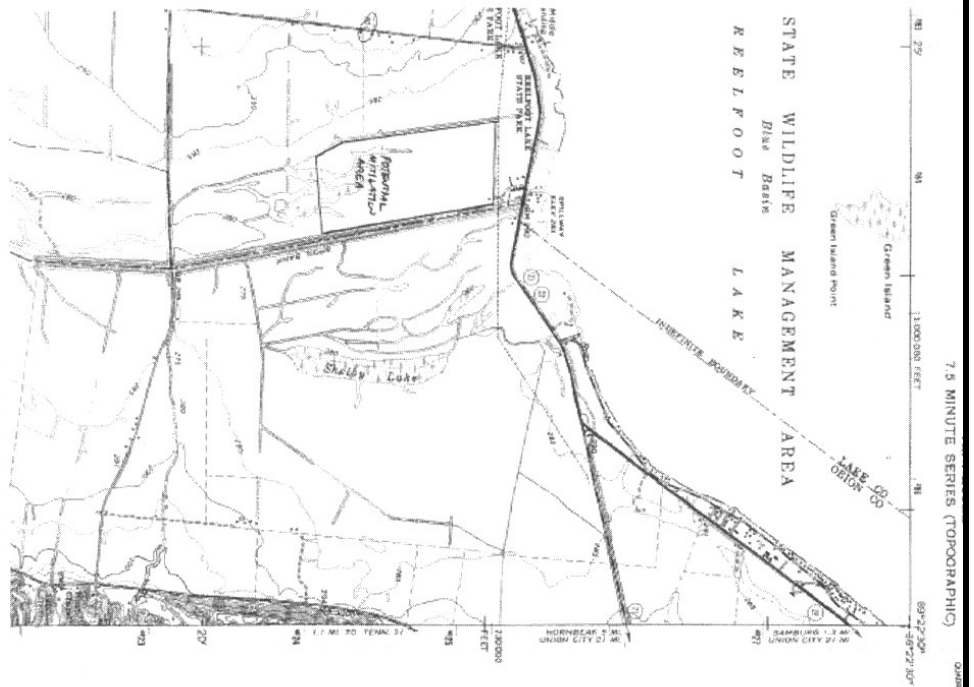
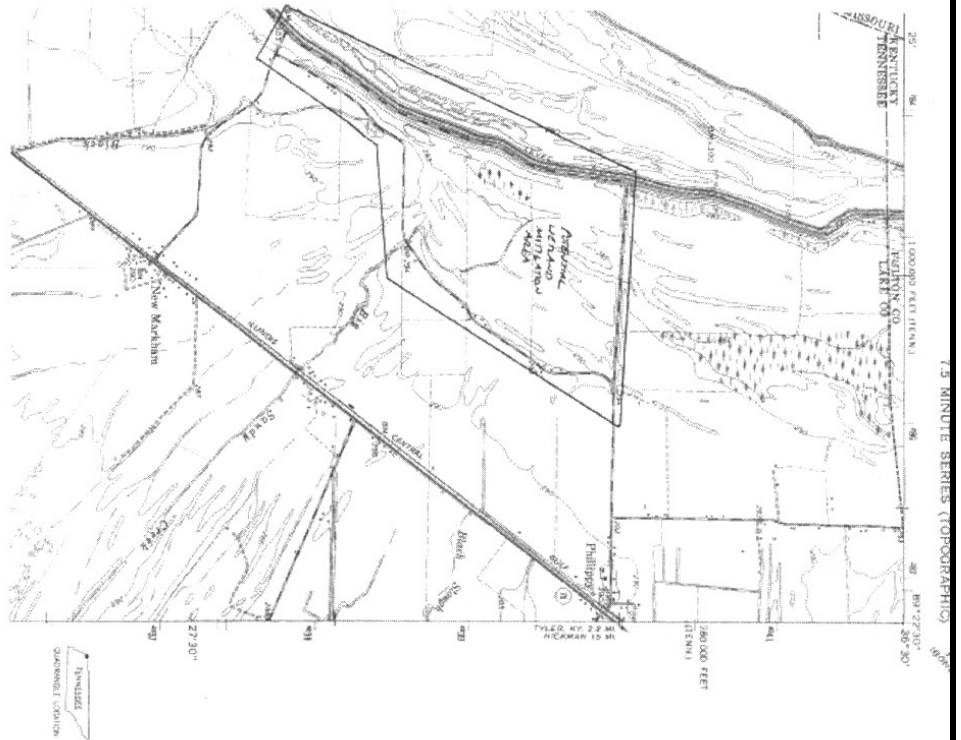
Persons wishing to comment on or object to the issuance of a proposed permit are invited to submit comments in writing to the Department of Environment and Conservation Division of Water Pollution Control at the address listed above. Written statements received in this office on or before the date of expiration of the comment period thirty days from the publication date of this notice will become part of the record and will be considered in the determination. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the director of the Division hold a public hearing on any application. The request must be filed within the comment period and must indicate the interest of the person requesting it, and the reasons that the hearing is warranted. When there is sufficient public interest, the director shall hold a hearing in accordance with Rule 1200-4-7-.04(4)(f).

After consideration of comments submitted during the public comment period, the hearing record if any, and the requirements of federal and State law, the director of the Division will make determinations regarding the final action on each permit. Permit applications, supporting documentation, and related comments are available for review and/or copying.

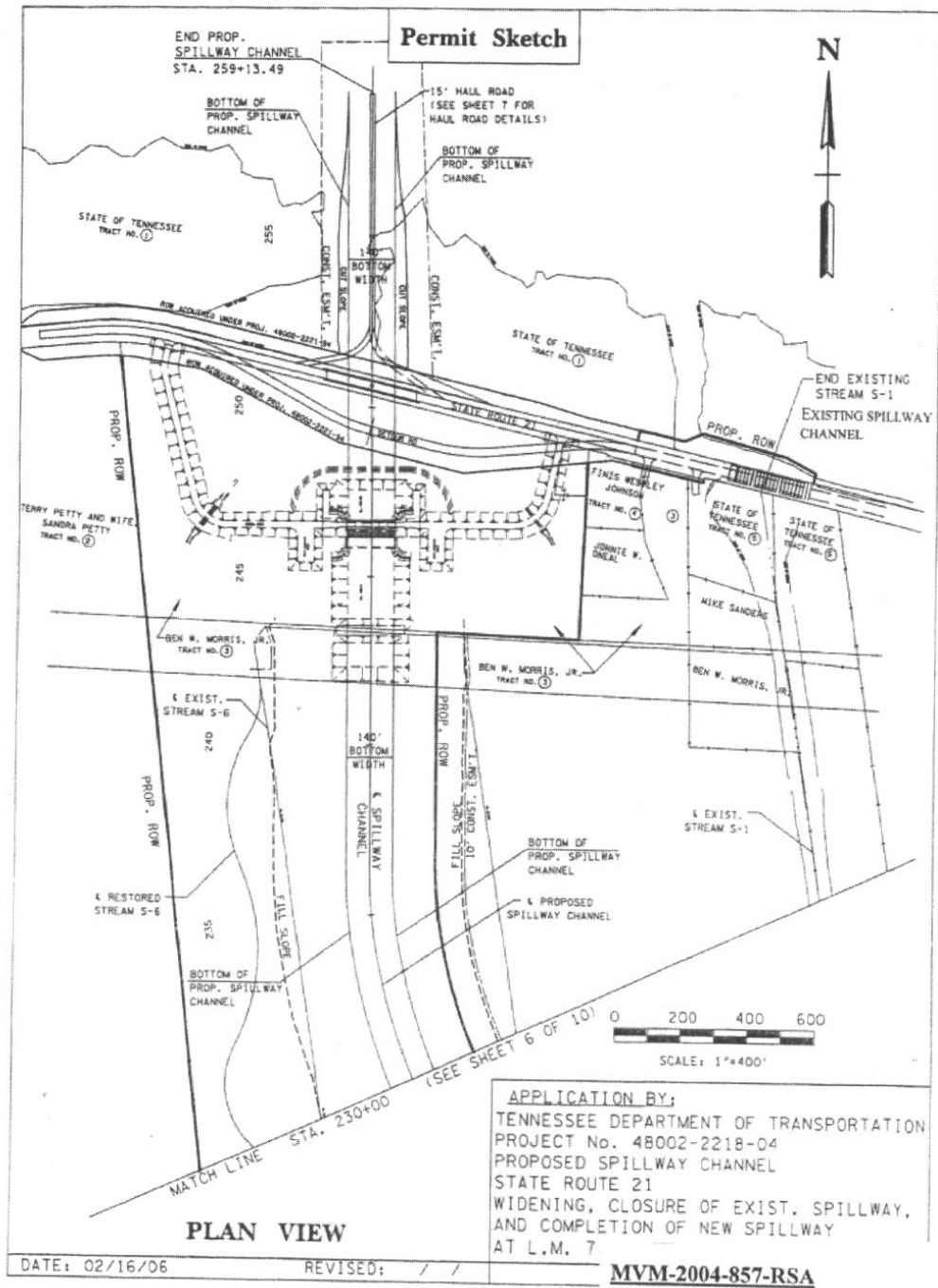
**In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.**





**MVM-2004-857-RSA**

**Attachment 2: Location Map  
(Potential Mitigation Areas)**



### Attachment 3: Project Overview